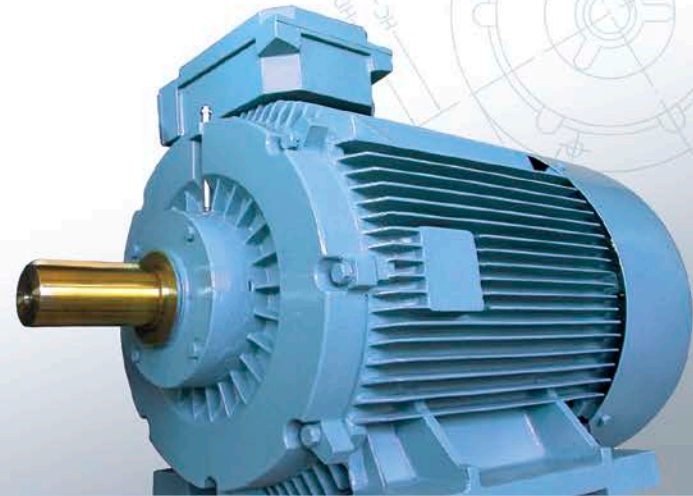
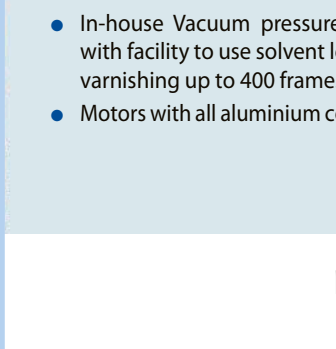
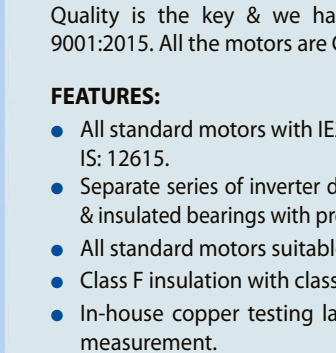
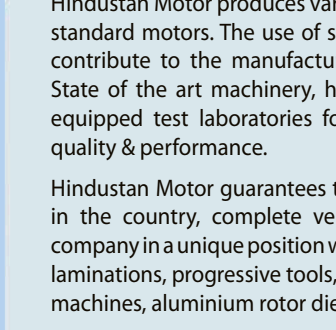
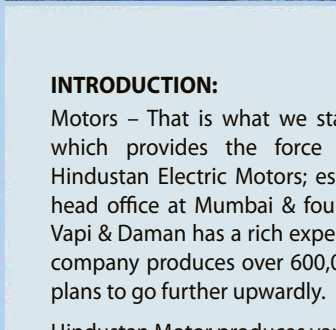


hindustan ELECTRIC MOTORS

ISO 9001:2015



20002297 QM15



INTRODUCTION:

Motors – That is what we stand for. A premier company which provides the force that drives your industry. Hindustan Electric Motors; established in 1973, having its head office at Mumbai & four manufacturing locations at Vapi & Daman has a rich experience of over 4 decades. The company produces over 600,000 motors per annum & has plans to go further upwardly.

Hindustan Motor produces various kinds of standard & non-standard motors. The use of superior quality raw materials contribute to the manufacture of highly reliable motors. State of the art machinery, hi-tech R & D facilities & well equipped test laboratories form a strong foundation for quality & performance.

Hindustan Motor guarantees the fastest delivery of motors in the country, complete vertical integration places the company in a unique position with facilities such as stamping laminations, progressive tools, pattern shop, battery of CNC machines, aluminium rotor die casting machines etc.

Quality is the key & we have been accredited for ISO 9001:2015. All the motors are CE marked.

FEATURES:

- All standard motors with IE2 / IE3 efficiency values as per IS: 12615.
- Separate series of inverter duty motors with force cooling & insulated bearings with provision for encoder mounting.
- All standard motors suitable for 50°C ambient.
- Class F insulation with class B temp. rise.
- In-house copper testing lab & acoustic room for noise measurement.
- In-house Vacuum pressure impregnation (VPI) system with facility to use solvent less resins & high temperature varnishing up to 400 frame.
- Motors with all aluminium construction up to frame 132M.

As a part of special features, Hindustan motors can be provided with:

- Service Factor 1.15 for Compressor applications.
- Insulated bearings for variable frequency drive applications.
- Thermal protectors like PTCs, RTDs, ACHs.
- Special bearings suitable for ambient temp of -30°C to +200°C.
- Clean Flow Cowl / Lint free Cowl for Textile Applications.

MATERIAL & PROCESS ADVANTAGE:

- Stamping: Superior grade CRNGO high silicon steel.
- Copper Wire: Super Enamelled Dual Coat Copper Wire.
- Varnish: Dr. Beck varnish with high dielectric strength. Class H Insulation is available upon request.
- Insulating Material: Imported Nomex equivalent to Class H.
- Bearing: Double sealed ball bearings lubricated for life with high quality imported grease.
- Balancing: Dynamic balancing with high precision balancing machines resulting in low vibration in motors.

Hindustan Motor has been widely accepted in all applications including machine tools, cranes, hoists, blowers, cooling towers, fans, textile machinery, air conditioners, compressors, material handling equipment, cement plants, steel, power & chemical plants, pharmaceutical machines, packaging machines, construction equipment, general engineering & very wide range of other applications.

SALES:

To support the Head office at Mumbai, Hindustan Electric Motors has branch offices at Ahmedabad, Bangalore, Chennai, Coimbatore, Indore & New Delhi. In addition to that the company has more than 50 dealers & distributors spread all across India.

AFTER SALES SERVICE:

Hindustan Electric Motors has over 60 authorised service centers for service support.

motoring the wheels of success

PRODUCT RANGE

STANDARD MOTORS

IE2 High / IE3 Premium Efficiency

Frames : 63 to 355LX
 Rating : 0.12 to 315.0 kW
 Poles : 2, 4, 6, 8
 Mtg. : B3, B5, B14 & comb.
 Prot. : IP55
 Encl. : TEFC

Multi speed Motors

Frames : 71 to 355LX
 Rating : 0.12 to 150.0 kW
 Poles : 4/2, 8/4, 6/4, 8/6 & others
 Mtg. : B3, B5, B14 & comb.
 Prot. : IP55
 Encl. : TEFC



FLAMEPROOF MOTORS FOR GAS GROUPS IIA & IIB

Standard Motors

Frames : 63 to 315LX
 Rating : 0.12 to 200.0 kW
 Poles : 2, 4, 6, 8
 Mtg. : B3, B5, B14 & comb.
 Prot. : IP55
 Encl. : TEFC

IE2 High / IE3 Premium Efficiency

Frames : 63 to 315LX
 Rating : 0.12 to 200.0 kW
 Poles : 2, 4, 6, 8
 Mtg. : B3, B5, B14 & comb.
 Prot. : IP55
 Encl. : TEFC

Multi speed Motors

Frames : 71 to 315LX
 Rating : 0.12 to 120.0 kW
 Poles : 4/2, 8/4, 6/4, 8/6 & others
 Mtg. : B3, B5, B14 & comb.
 Prot. : IP55
 Encl. : TEFC



CRANE DUTY MOTORS

Frames : 71 to 315LX
 Rating : 0.18 to 200.0 kW
 Poles : 4, 6 & 8
 Mtg. : B3, B5, B14 & comb.
 Prot. : IP55
 Encl. : TEFC
 Duty Type : S3 - S5
 Starts/hr : 60, 150, 300 Nos.



TEXTILE MOTORS

Frames : 100 to 180L
 Rating : 0.55 to 15.0 kW
 Poles : 4, 6 & 8
 Mtg. : B3 & Pad
 Prot. : IP55
 Encl. : TE, TEFC with clean flow
 App. : Ring, Loom, Carding, Ginning & Spinning.



INVERTER DUTY MOTORS

Frames : 90S to 355LX
 Rating : 0.37 to 315.0 kW
 Poles : 2, 4, 6 & 8
 Mtg. : B3, B5, B14 & comb.
 Prot. : IP55
 Encl. : Totally enclosed force cooled with 3 ph fan motor



BRAKE MOTORS

Frame : 63 to 250MX
 Rating : 0.18 to 55.0 kW
 Poles : 2, 4, 6, 8
 Mtg. : B3, B5, B14 & comb.
 Prot. : IP54
 Brake Torq. : Upto 400Nm
 Duty Type : S1 - S8



TORQUE MOTORS

Frames : 63 to 160L
 Rating : 0.037 to 5.5 kW
 Poles : 4, 6, 8
 Mtg. : B3, B5, B14 or special
 Prot. : IP55
 Encl. : TE or Force Cooled
 Torque : 0.048 to 3.57 kgm



COOLING TOWER MOTORS - STANDARD & FLAMEPROOF

Frames : 71 to 315LX
 Rating : 0.37 to 45.0 kW
 Poles : 4, 6, 8, 10, 12 & others
 Mtg. : B3 or B5
 Prot. : IP55
 Encl. : TE, TEFC



ROLLER TABLE MOTORS

Frames : 112M to 160L
 Rating : 0.75 to 7.5
 Poles : 4, 6, 8
 Mtg. : B5
 Prot. : IP55
 Encl. : TE, TEFC



SPECIAL APPLICATION MOTORS

- Dual Voltage / Dual Frequency motors
- Low Vibration motors for machine tools
- Motors for Extreme Climatic Conditions
- Motors for Import Substitute

